

AMENDMENTS TO THE SPECIFICATION

Please replace paragraph 21 with the following rewritten paragraph:

--The system provides intelligence in both the overhead rail/controller system and in the ~~OHT vehicle~~ overhead transport vehicle (hereinafter OHT vehicle), to provide a true closed loop tracking and monitoring system. The smart track is equipped with an encoder, either barcode (two or one dimensional), magnetic or optical encoding system. The complete factory has a grid system overlay where each location in the factory has a unique encoder value.--

Please replace paragraph 24 with the following rewritten paragraph:

--For simplicity, two loops are shown in Figure 1 Figure 3, but those skilled in the art will appreciate that many loop can be connected along a main track, with carriers branching to and from the main track to reach destinations in other bays. Advantageously, the carriers are capable of bi-directional operation, e.g. having an electric motor with leads that can be reversed to reverse the direction of travel. This permits a carrier to enter a siding on the track, then back out, or back away from a congested area to take a detour and otherwise to operate more flexibly.--